

TABLE D

V1103 PERFORMANCE

	EV-1 (1049-3)	EV-2 (1050-8)	B/U (1053-5)
Temp	69°F	68°F	69°F
Humidity	22%	22%	22%
Pressure	14.57 psia	14.57 psia	14.57 psia
Fan ON	10:28 GMT	10:54 GMT	06:12 GMT
IV Mode	10:28 GMT	10:54 GMT	06:12 GMT
Fan OFF	10:40 GMT	11:30 GMT	06:29 GMT

SCU Power

Battery Volts	20.0V	20.6V	19.7V
Battery Amps	0 A	0 A	0 A
Fan RPM	19.8K	20.0K	19.6K
SOP Press	6260 psi	6190 psi	6200 psi
CO <sub>2</sub> Conc.	0.5 mmHg	0.4 mmHg	0.6 mmHg
H <sub>2</sub> O Temp @ Full Cold	75°F	72°F	72°F
Suit Pressure	0.8 psi	0.8 psi	0.7 psi
Bottle Pressure	839 psi	854 psi	645 psi
Airlock Pressure	14.7 psi	14.5 psi	14.6 psi
H <sub>2</sub> O Gas Pressure	14.5 psi	15.5 psi	14.8 psi
H <sub>2</sub> O Water Pressure	14.7 psi	15.4 psi	14.1 psi

Battery Power

Time EVA	0:02	0:01	0:01
Time Left	6:50 hrs	6:50 hrs	5:16 hrs
O <sub>2</sub> Left	110%	108%	66%
Power Left	99%	100%	100%
Battery Volts	16.9V	17.0V	16.8V
Battery Amps	2.6A	2.9A	2.8A
Fan RPM	19.7K	19.7K	19.6K
SOP Pressure	6270 psi	6200 psi	6200 psi
CO <sub>2</sub> Conc.	0.5 mmHg	0.4 mmHg	0.5 mmHg
H <sub>2</sub> O Temperature	63°F	64°F	61°F
Suit Pressure	0.8 psi	0.8 psi	0.7 psi
Bottle Pressure	921 psi	918 psi	582 psi
Airlock Pressure	14.7 psi	14.5 psi	14.6 psi
H <sub>2</sub> O Gas Pressure	14.5 psi	15.5 psi	14.8 psi
H <sub>2</sub> O Water Pressure	14.5 psi	15.4 psi	14.1 psi

Vent Mode

Display RPM	19.0K	19.0K	18.7K
SCU Volts	18.4V	18.4V	18.43V
SCU Amps	4.2A	4.2A	4.10A

TABLE DV1103 PERFORMANCE

	EV-1 (1049-3)	EV-2 (1050-8)	B/U (1053-5)
<u>No Vent Mode</u>			
Display RPM	19.8K	19.8K	19.7K
SCU Volts	18.4V	18.4V	18.4V
SCU Amps	2.7A	2.4A	2.5A
Regulator Check (DCM)	4.3 psi Press 0.7 psi IV	4.3 psi Press 0.8 psi IV	4.3 psi Press 0.8 PSI IV
SOP Check (DCM)	6260 psi	6200 psi	6200 psi
SOP Gage	6300 psi	6200 psi	6200 psi
Suit Pressure	3.5 psi	3.6 psi	3.7 psi
Bottle Top Off	925 psi	928 psi	915 psi